

JOB NO. 4940-1
BARGE: 1ETT113

BASF
1/96

HER 00015

HERCULES

MARINE SERVICES CORPORATION

P. O. Drawer O • Freeport, Texas 77541

INVOICE NO. : 3291-96.
DATE : January 18, 1996
Job No. : 4940-2
Location : Freeport

TO: BASF
602 Copper Road
Freeport, TX 77541

PLEASE REMIT PAYMENTS TO:
11011 RICHMOND
SUITE 500
HOUSTON, TX. 77042

PO#F91392

Terms : Net 30

FOR: Service to ETT113 as follows:

Crop out damaged plate on side and deck of #2 wing tank; lay out plate and angles and fit on side of barge; weld inside and gauge and weld outside; clean and paint new plate; remove vent line stack; assist chemist in inspection; install stack; blow pipeline for Bobby Fuller's ok.

Labor: Leadman	7	S/T @	33.50	\$	234.50
Leadman	8	O/T @	48.00		384.00
Journey	17.5	S/T @	31.00		542.50
Journey	21	O/T @	44.25		929.25

Marine chemist 300.00

Materials: 4 x 8 x 3/8" plate, angle iron, welding rods, cutting rig 650.00

TOTAL AMOUNT DUE \$3,040.25

HER 00016

PHONE: (409) 233-6371

JOB WORKSCOPE/BREAKDOWN

JOB NO. 4940 CUSTOMER Bas F BARGE ETT 113

FOREMAN: S/T 6 1/2 36.00 \$ 234.00
O/T 2 51.75 103.50

LEADMAN: S/T 33.50
O/T 48.00

JOURNEY S/T 24 1/2 31.00 573.50 759.50
O/T 8 44.25 354.00

DISPOSAL: 2,000 GALS. @ .35 700.00

MATERIAL: 38.40 PLUS 20%

STOCK MATERIAL: 38.40 PLUS 20% 38.40

EQUIPMENT:

COMPRESSOR	<u>8</u> @ 44.00	<u>352.00</u>
AIR MOVERS	<u>42</u> @ 5.00	<u>210.00</u>
FORKLIFT	<u> </u> @ 20.00	<u> </u>
TUGBOAT	<u> </u> @ 80.00	<u> </u>
STEAM RIG	<u>4</u> @ 80.00	<u>320.00</u>
VACUUM	<u>4</u> @ 25.00	<u>100.00</u>
HAND HOSE	<u>4</u> @ 10.00	<u>40.00</u>
WELDING MACHINE	<u> </u> @ 15.00	<u> </u>
CHERRY PICKER	<u> </u> @ 50.00	<u> </u>
CRANE	<u> </u> @ 130.00	<u> </u>
FLATBED TRUCK	<u> </u> @ 20.00	<u> </u>
3" GAS PUMP	<u> </u> @ 14.00	<u> </u>
2" STRIPPING PUMP	<u>4</u> @ 12.00	<u>48.00</u>
BUTTERWORTH	<u>4</u> @ 10.00	<u>40.00</u>
4" ELECT. PUMP	<u> </u> @ 15.00	<u> </u>
WORK BARGE	<u> </u> @ 35.00	<u> </u>
CUTTING RIG	<u> </u> @ 8.00	<u> </u>
HAUL OUT	<u> </u> @ 1100.00	<u> </u>

ARRIVED: COMPLETED: DEPARTED:

PRODUCT: LOAD:

TOTAL INVOICE: 3,314.90

3303-96

**HERCULES**

MARINE SERVICES CORPORATION

Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541Office (409) 233-6371
Fax: (409) 233-6375x

EQUIPMENT	HOURS USED	HOURLY RATE	TOTAL PRICE
COMPRESSOR	2.8	44.00	
AIR MOVERS	42	5.00	
VACUUM	4	20.00	
BOILER	4	80.00	
HAND HOSE	3 1/2	10.00	
BUTTERWORTH		10.00	
2" STRIP PUMP	4	12.00	
3" DIESEL PUMP		14.00	
4" ELECT PUMP		15.00	
CRANE		130.00	
CHERRY PICKER		50.00	
FORKLIFT		20.00	
TUG BOAT		80.00	
WELD MACHINE		15.00	
CUTTING RIG		5.00	
WORK BARCE		35.00	
HAUL OUT		1100.00	

DATE: 1-8-96 JOB NO: 4940 BARCE NAME: ETT-113

HER 00018



HERCULES

OFFSHORE CORPORATION

Strength through experience, equipment, know-how

P.O. Drawer O

Freeport, Texas 77541

Office: (409) 233-6371

Fax: (409) 233-6375

FINAL CHECK LIST

DATE: 1-8-96

BARGE: ETT-113

BLIND NUMBER CHECKED 2 REPLACED GASKET YES NO

GATE VALVE NUMBER CHECKED 5 REPLACED GASKET YES NO

PLUGS NUMBER CHECKED 1 REPLACED PLUG YES NO

* CHECK VALVE NUMBER CHECKED N/A REPLACED GASKET YES NO

DEEPWELL BLIND NUMBER CHECKED N/A REPLACED GASKET YES NO

BELOW DECK CARGO PIPELINE BLIND NUMBER 1 REPLACED GASKET YES NO

BELOW DECK CARGO PIPELINE BLIND REMOVED YES NO

DRIP PANS VALVES: CLOSED BY LUCIO

DRIP PANS COVER: CLOSED BY N/A

CONTAINMENT AREA PLUG OR VALVES: CLOSED BY LUCIO

AIR TEST CARGO LINE - 40psi - USING SOAP

SIGNATURE OF TESTER: Glaudio Duarte

WITNESS: L. Lucio

* CHECK VALVE GASKET WILL BE REPLACED

* AIR TEST IS LAST THING TO BE DONE BEFORE RELEASING BARGE.

HER 00019

BARGE CLEANING REPORT

JOB NO. 419 40
 BARGE NO. E+1113
 CUSTOMER BASF
 PRODUCT CHLOROHYDRAE

ETA _____
 DATE/TIME ARRIVAL 11-8-96-9:30AM
 DATE/TIME STARTED 11-8-96-9:30
 DATE/TIME COMPLETE 11-8-96-6:30PM

AMOUNT STRIPPED 400

CLEANING INSTRUCTION BY: Suzette
 COMPLETION SCHEDULE BY: _____
 OVERTIME AUTHORIZED BY: _____
 BARGE INSPECTED BY: Charles Brett DATE/TIME: _____
 BARGE RELEASED TO: _____ DATE/TIME: _____
 DEEPWELL OPENED: YES N/A NO _____ CLOSED BY _____ NEW GASKET YES _____ NO _____
 BELOW DECK CARGO PIPELINE: BLIND OPEN YES N/A NO _____ CLOSED BY _____ NEW GASKET YES _____ NO _____
 DECK CHECK VALVE OPENED: YES N/A NO _____ CLOSED BY _____ NEW GASKET YES _____ NO _____
 DECK HEADER BLINDS OPEN: ✓ INSPECTED BY CALEB BRETT _____
 DECK HEADER DRAIN PLUG OPEN: YES ✓ NO _____ CLOSED BY CASAS
 VAPOR RECOVERY HEADER OPENED: YES ✓ NO _____ CLOSED BY CASAS NEW GASKET YES _____ NO _____
 RUST SCALE: YES _____ NO ✓ WASHED OUT _____ BUCKETED OUT _____
 NUMBER OF CARGO TANKS 3
 CONDITION OF CARGO VALVES Good
 SLOP TANK STRIPPED: YES N/A NO _____
 DRIP PANS STRIPPED: YES ✓ NO _____
 WEATHER: TEMP 40 RAIN _____ FOG _____ HUMIDITY _____ OVERCAST _____ CLOUDY ✓ CLEAR _____
 PIPELINE WASHED: Yes PIPELINE BLOWN Yes INSPECTED BY CALEB BRETT _____
 BOW RAKE CHECKED: YES ✓ NO _____ STERN RAKE: YES ✓ NO _____
 VOIDS: YES ✓ NO _____ SAFETY EQUIPMENT USED: _____
 SUMPS INSPECTED _____

NOTICE

All barges cleaned for BASF will be inspected by Caleb Brett. The inspector will have paperwork for the Hercules foreman in charge to sign. The form will put two copies in the document mail box. One copy will stay in the mailbox, and the captain of the tugboat that is picking up the barge will not be called until inspection is completed and documentation is in the mailbox. If any problems, BASF logistics representative must be contacted.

Inspected 11/9/96 1609 Time In Time Out

Inspected By David Reese

NO BASF BARGE THAT HAS BEEN CLEANED WILL BE RELEASED UNTIL CALEB BRETT HAS SIGNED THE RELEASE PAPERS. CALEB BRETT WILL BE GIVEN A COPY OF THIS FORM.

HER 00020

Inchcape Testing Services

Caleb Brett

VISUAL TANK INSPECTION REPORT

YOUR REFERENCE
OUR REFERENCE

ge "ETT 113"	PRODUCT / CARGO N/A	PORT / TERMINAL Hercules	DATE 1-9-96
< Number	1,2,3C		
< Coating			
Cargo	Cyclo		
ond Last Cargo			
d Last Cargo			
ay/Date Inspected	1-9-96 1630		
al Cleanliness Accepted/Rejected*	Accepted		
son for Rejection	—		

Method said to have been used to clean tanks:	TK# 1,2,3C	Wash pipeline w/ water at 170-200° for 30 min.
	TK#	Wash 1C Cargo tank w/ H ₂ O @ 170° for 30 min.
	TK#	Strip and Blow IT # 2C + 3C w/ air 30 min per tank.
	TK#	
	TK#	
	TK#	
	TK#	

Information regarding previous cargoes, tank coating and cleaning method was obtained from vessel personnel and cannot be guaranteed as accurate by Caleb Brett, Inc. and no liability can be assumed for errors resulting from improper information supplied. This report, of necessity, is based on such information.

The cleanliness of inspected tank(s) is/are based on visual inspection of tank surfaces and line system at accessible areas only. This document does not cover the cleanliness of tank surfaces and line system at inaccessible spots and/or possible release of components of previous cargoes during loading, discharge or transport of the cargo in question, for which the vessel is fully responsible. Suitability of tank coating for intended cargo must be guaranteed by vessel's owner by suppliers of the coating.

David L. Reese
FOR CALEB BRETT

HER 00021

OUR REFERENCE

[illegible]

David L. Reese
FOR CALEB BRETT U.S.A., INC.

HER 00022

#178564C (1-3)

HAZARDS COMMUNICATION STANDARD

OSHA 1910.1200

EMPLOYEE HAZARDOUS MATERIALS TRAINING PROGRAM

Date 1-8-96Supervisor Richard D. SmithPlant HOTELERClient Safety Area EAST END DOCK
ETT-113

The following listed materials are considered to be hazardous to the employees working in this area:

CYCLIC LANE _____

The employees assigned to work in this area have been informed of the hazardous materials in this area, the hazards they present to the workers, the location of hazards listed, the protective equipment that has been provided and where it is located, and procedures to be followed in case of an accidental exposure. I have received the training listed above and will so designate by signing this form.

NAME	BADGE	NAME	BADGE
<u>Steven</u>	<u>70</u>		
<u>Marie M. Smith</u>			
<u>Jose A. Casas</u>			

HER 00023

CYCLOHEXANE, 98%

DANGER!

**EXTREMELY FLAMMABLE - VAPORS MAY IGNITE
EXPLOSIVELY. POSSIBLE ASPIRATION HAZARD.**

DANGER: CONTAINS BENZENE - CANCER HAZARD.
Benzene is a known human carcinogen - overex-
posure may create cancer risk, blood changes or
chromosome changes. Benzene has caused fetal
death in animals.

PRECAUTIONS:

Keep away from heat, sparks and flame. Keep container closed.
Use with adequate ventilation. Avoid contact with eyes, skin or
clothing. Wash thoroughly after handling. Launder contaminated
clothing before reuse. Do not swallow. May be aspirated into the
lungs.

FIRST AID

In case of contact, flush eyes with water. Flush skin with water for
15 minutes. If inhaled, remove from exposure. If breathing is dif-
ficult, give oxygen, seek medical attention. If swallowed, do not in-
duce vomiting. Seek immediate medical assistance. NOTE TO
PHYSICIAN: Gastric lavage using a cuffed endotracheal tube may
be performed at your discretion.

FOR ADDITIONAL INFORMATION, SEE MATERIAL SAFETY DATA SHEET.

MANUFACTURED BY
PHILLIPS 66 COMPANY
A SUBSIDIARY OF PHILLIPS PETROLEUM COMPANY
BARTLESVILLE, OK 74004
UNITED STATES OF AMERICA

FORM 12500-S 12-89

HER 00024

**DECLARATION OF INSPECTION
PRIOR TO BULK CARGO TRANSFER**

VESSELS

$$E+t=11.3$$

BASE

TRANSFER FACILITY

Hercules Mas Faderick

LOCATION

FREEPORT TX.

The following list refers to requirements set forth in detail in 33 CFR 156.150 and 46 CFR 35.35-30 (printed on reverse). The spaces adjacent to items on the list are provided to indicate that the detailed requirement has been met.

1. Communication System/Language Fluency (156.120) (m) (p))
2. Warning Signs and red Warning Signals. (35.35-30)
3. Vessels Moorings. (156.120 (a))
4. Transfer System Alignment. (156.120 (d))
5. Transfer System; unused components. (156.120 (e))
6. Transfer Systems; fixed piping. (156.120 (f))
7. Overboard Discharges/Sea Suction Valves. (156.120 (g))
8. Hoses or Loading Arms condition. (156.120 (h) (156.170)
9. Hoses; length and support. (156.120 (b) (c))
10. Connections. (156.120)
11. Discharge Containment System. (156.120 (j) (I))
12. Scuppers or Drains. (156.120 (k))
13. Emergency Shutdown (156.120 (n))
14. Repair Work Authorization. (35.35-30)
15. Boiler and Galley Fires Safety. (35.35-30)
16. Fires or Open Flames (35.35-30)
17. Lighting (sunset to sunrise). (156.120 (i))
18. Safe Smoking Spaces. (35.35-30)
19. Spill and Emergency shutdown procedures. (156.120 (q))
20. Sufficient Personnel. (156.120 (e) (a))
21. Transfer Conference. (156.120 (q))
22. Agreement to begin transfer. (156.120 (r))

[illegible]

I do certify that I have personally inspected this facility or vessel with reference to the requirements printed on reverse and that opposite each of them I have indicated that the regulations have been complied with.

Period in Charge Receiving Unit

TITLE

TIME & DATE

Alfred E. Austin

Foreman

1-8-96- 9:30 AM

Person in Charge Delivering Unit

FUEL PERSON

Alexander Brewster

TIME COMPLETED 1-8-61

* Rules and Regulations for Tank Vessels.

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HER 00025

Date JAN 9 1996
 M KITTY'S PURPLE COW
 No. HERCULES ETT 112413

Reg. No.	Clerk	ACCOUNT FORWARD
1	6 CB	15.00
2		
3	6 FF	7.50
4		
5	Chef SAL	4.95
6		
7	8 Coka	6.40
8		
9	7 JAPS	1.75
10		
11	<i>J.P.</i>	35.60
12	<i>J. Laveria</i>	2.80
13		38.40
14	20	
15		

Your Account Stated to Date — If Error to Record Return of Cash.

HER 00026



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax. (409) 233-6375

EQUIPMENT	HOURS USED	HOURLY RATE	TOTAL PRICE
COMPRESSOR	8	44.00	
AIR MOVERS	8	5.00	
VACUUM		20.00	
BOILER		80.00	
HAND HOSE		10.00	
BUTTERWORTH		10.00	
2" STRIP PUMP		12.00	
3" DIESEL PUMP		14.00	
4" ELECT PUMP		15.00	
CRANE		130.00	
CHERRY PICKER	1	50.00	
FORKLIFT		20.00	
TUG BOAT		80.00	
WELD MACHINE 2	6 EACH	15.00	
CUTTING RIG 2	6 EACH	8.00	
WORK BARGE		35.00	
HAUL OUT		1100.00	

DATE: 1-9-96 JOB NO: _____ BARGE NAME: ETT-113

HER 00027

John W. Sansing
1509 Kilgarlin Ln. Tel. 713-478-4091
Deer Park, Tx. 77536

MARINE CHEMIST CERTIFICATE

SERIAL NO. F 68114

Survey Requested by HELLCOIL'S MARINE Vessel Owner or Agent DIXIE CARRIERS, INC Date 1-9-96
Vessel CHARGE KTT-113 Type of Vessel DOCKSIDE SKILL TANK BARGE Specific Location of Vessel NECLINE-S/V
Last Three (3) Cargoes CYCLOHERANE Tests Performed OXYGEN; COMBUSTIBLES; CYCLOHERANE; LIGHT Time Survey Completed 8:55 AM

NOTES: (1) * PROVIDE FORCED VENTILATION FOR ENTRY AND WORK IN CARGO TANKS, *
(2) PROVIDE FORCED VENTILATION FOR ALL VOID INTERACTIONS
(3) BARGE IS SAFE FOR IN-SHIPYARD SHIPFITTING
(4) TEST RESULTS: (A) CARGO TANKS: 20.8% OXYGEN, ZERO TO LEL; 185 TO 250 PPM CYCLOHERANE *
(B) VOIDS: 20.8% OXYGEN, ZERO TO LEL; 0 TO 5 PPM CYCLOHERANE (VOC'S) -
(C) BOW AND STEER - FILLED WITH WATER -

BOW AND STEER VOIDS - FILLED WITH WATER - SAFE FOR HOT WORK

NO. 1, P/S TANK NO. 4, P/S WINGS AND } SAFE FOR WORKERS
TUNNEL BOTTOMS } SAFE FOR HOT WORK

NO. 1, 2, AND 3 CARGO TANKS → * ENTER WITH RESTRICTIONS *
SAFE FOR HOT WORK

CARGO PIPING; VAPOR PIPING; AND } NOT SAFE FOR HOT WORK
STEERING PIPING }
→

DIESEL FUEL TANK (FOR PUMPS ENGINE) → NOT SAFE FOR HOT WORK

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or release of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT: This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed Valerie Todd Hercules Date 1-9-96

Signed John W. Sansing Date 1-9-96

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS